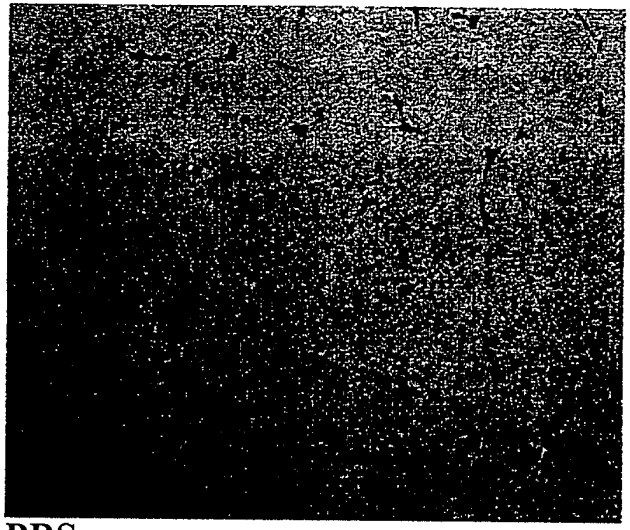
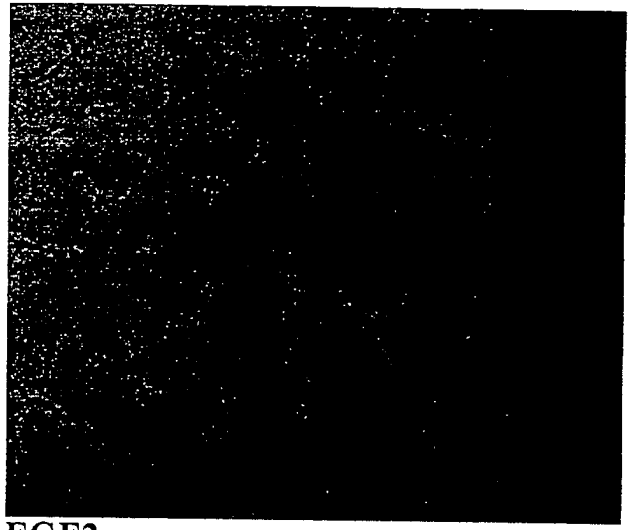
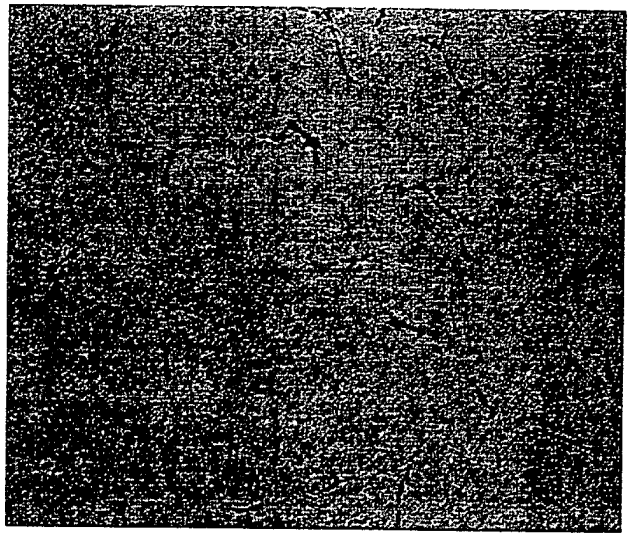
Figure 1



PBS

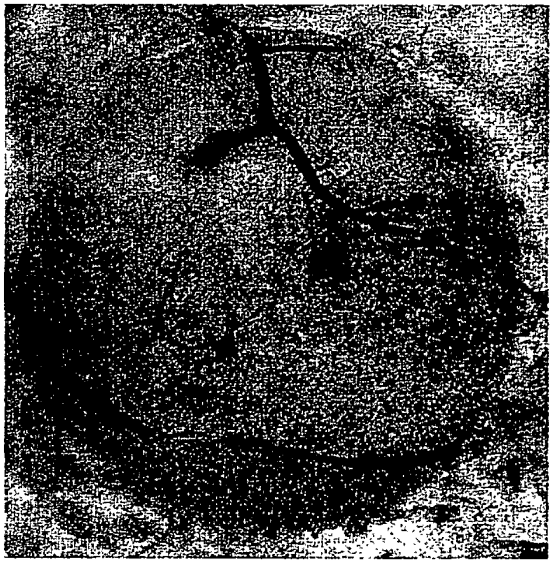


FGF2



5.2 μg of acetyl-SNS-carboxamide (1)

Figure 2



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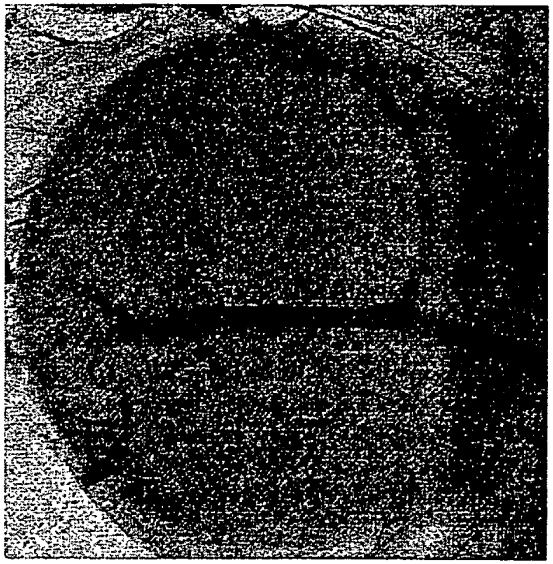


5.2 μg of acetyl-SNS-carboxamide (1)

Figure 3

TSU-Pr (human prostate) tumor	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	MEAN	STD	SEM
Initial tumor implant weight (mg)	53.00	52.00	53.00	54.00	54.00	53.00	54.00	54.00	52.00	53.00	53.20	0.79	0.35
After 7 days, control tumor weight (mg)	69.90	66.10	62.50	75.00	92.70	72.90	72.50	67.40	78.00	67.40	72.44	8.46	2.99
After 7 days: Initial wt = Total Increase in Control	16.70	12.90	9.30	21.80	39.50	19.70	15.90	15.90	16.70	16.90	18.53	8.11	2.56
Tumors with acetyl-SNS-carboxamide													
45 µg acetyl-SNS-carboxamide	48.00	44.70	53.50	56.80	49.70	58.20	48.60	47.40	46.80	58.40	51.21	5.09	1.61
After 7days: Inhibitor weight - Initial Implant weight	-5.20	-8.50	0.30	3.60	-3.50	5.00	-4.60	-5.80	-6.40	5.20			
% of Total weight	-28.06	-45.87	1.62	19.43	-18.89	26.98	-24.82	-31.30	-34.54	28.06			
% Inhibition of tumor wt by acetyl-SNS-carboxamide	128.06	145.87	98.38	80.57	118.89	73.02	124.82	131.30	134.54	71.94	110.74	27.45	8.68

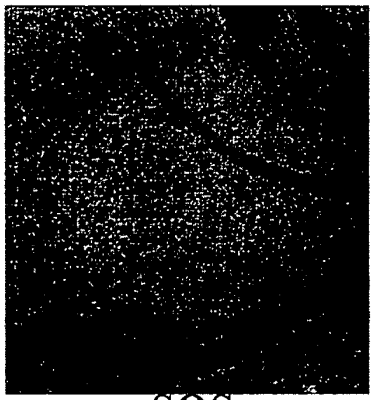
Figure 4

SNS Tag ID	Tube Length (mm) 5 µg/mL/well	% Inhibition	SEM	Angiogenesis Index 15 µg/CAM	% Inhibition
EBM Control	0.7206 +/- 0.03			51 +/- 9.7	
Growth Factor Control	1.7886 +/- 0.09			162.22 +/- 15.3	
S_A_S	1.4564 +/- 0.14	31.103	15.053		
S_Q_S	**1.0423 +/- 0.12**	**69.879**	**18.343**	**70.66 +/- 7.4**	**82.31 +/- 6.6**
s_N_S	1.5152 +/- 0.06	25.597	8.8465		
s_n_S	1.8351 +/- 0.07	-4.3596	6.688		
S_G_S	1.3653 +/- 0.08	39.632	11.725		
S_E_S	1.9891 +/- 0.08	-18.776	11.056		
s_N_s	1.3186 +/- 0.09	44.008	9.718		
s_n_s	1.9624 +/- 0.15	-16.273	23.402		
S_D_S	1.9624 +/- 0.15	32.935	14.458		
S_n_S	1.6803 +/- 0.06	10.141	6.3189		
S_N_s	**1.2702 +/- 0.22**	**48.54**	**34.054**	**85.55 +/- 9.1**	**68.93+/- 8.19**
S_n_s	1.3933 +/- 0.06	37.014	9.3608		
t4Hyp_N_S	1.3244 +/- 0.08	43.462	9.173		
t4Hyp_N_t4Hyp	1.9347 +/- 0.18	-13.679	28.834		
S_N_t4Hyp	**0.6404 +/- 0.07**	**107.51**	**11.263**	**82.89 +/- 9.6**	**71.33 +/- 8.27**
S_N_S	**0.8999 +/- 0.09**	**83.213**	**10.167**	**77.11 +/- 11.1**	**76.52 +/- 9.4**
Control 8A029	0.9606 +/- 0.16	77.523	25.513		
This data represents triplicate wells/peptide, 9 images/well 35,000 human endothelial cells/well				This data represents N = 6 to 9 in FGF2-stimulated CAM model	

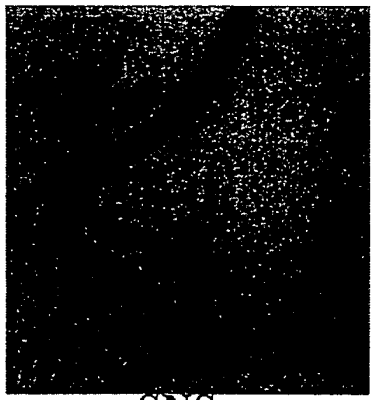
Figure 5

PBS

FGF2



SQS



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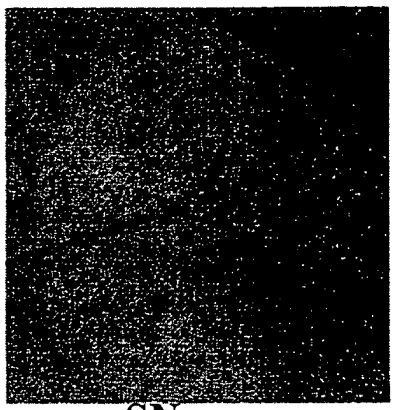
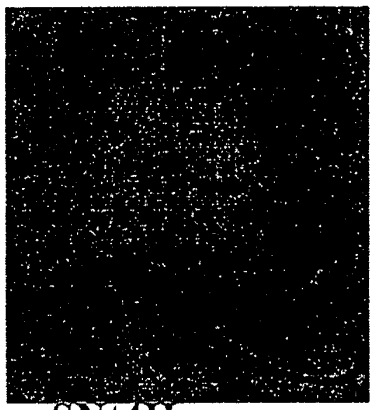
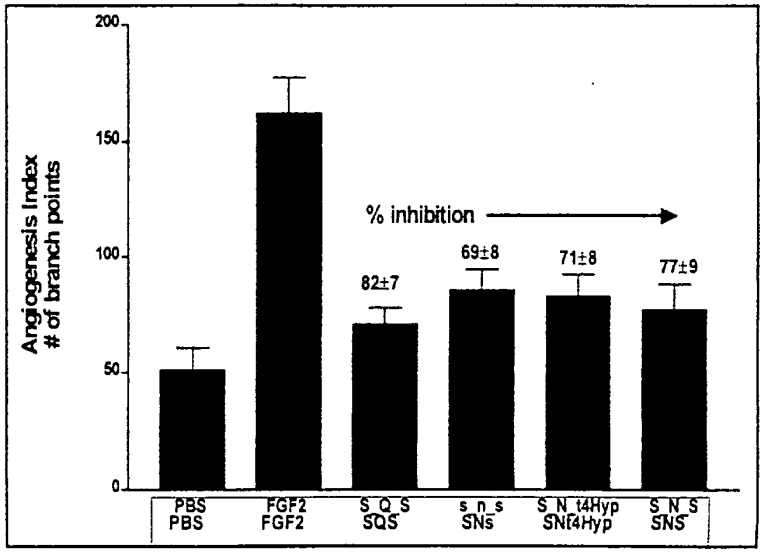


SNs



SNt4Hyp